

1 tttttttttttttag ATG GAG TTT TCG CTC TTG CCC AGG CTG GAG TGC AAT GCC GCA ATC 62
 1 M E F S L L L P R L E C N G A I 16
 63 TCA GCT CAC CGC AAC CTC CGC CTC CGG GGT TCA ACC GAT TCT CCT GCC TCA GCC TCC CCA 122
 17 S A H R N L R L P G S S D S P A S A S P 36
 123 GTA GCT GGG ATT ACA GGC ATG TGC ACC CAC GCT CGG CTA ATT TTG TAT TTT TTT TTA GTA 182
 37 V A G I T G M C T H A R L I L Y F F L V 56
 183 GAG ATG GAG TTT CTC CAT GTT GGT CAG GCT GGT CTC GAA CTC CGG ACC TCA GAT GAT CCC 242
 57 E M E F L H V G Q A G L E L P T S D D P 76
 243 TCC GTC TCG GCC TCC CAA AGT GCT AGA TAC AGG ACT GGC CAC CAT GCC CGG CTC TGC CTG 302
 77 S V S A S Q S A R Y R T G H H A R L C L 96
 303 GCT AAT TTT TGT GGT AGA AAC AGG GTT TCA CTG ATG TGC CCA AGC TGG TCT CCT GAG CTC 362
 97 A N F C G R N R V S L M C P S W S P E L 116
 363 AAG CAG TCC ACC TGC CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT 422
 117 K Q S T C L S L P K C K D Y R R A A V P 136
 423 GGC CTT TTT ATT TTA TTT TTA AGA CAC ACG TGT [REDACTED] 482
 137 G L F I L F F L R H R C P T L T O D E V 156
 483 [REDACTED] 542
 157 Q W C D H S S L Q P S T P E I K H P P A 176
 543 [REDACTED] 602
 177 S A S Q V A G T K D M H H Y T W L I F I 196
 603 [REDACTED] 662
 197 F I F N F L R Q S L N S V T Q A G V Q W 216
 663 [REDACTED] 722
 217 R N L G S L Q P L P G F K L F S C P S 236
 723 [REDACTED] 782
 237 L L S S W D Y R R P P R L A N F F V F L 256
 783 [REDACTED] 842
 257 V E M G F T H F A R L I L I S G P C D L 276
 843 [REDACTED] 902
 277 P A S A S Q S A G I T G V S H H A R L I 296
 903 TTT AAT TTT TGT TTG TTT GAA ATG GAA TCT CAC TCT GTT ACC CAG GCT GGA GTG CAA TGG 962
 297 F N F C L F E M E S H S V T Q A G V Q W 316
 963 CCA AAT CTC GGC TCA CTG CAA CCT CTG CCT CCC GGG CTC AAG CGA TTC TCC TGT CTC AGC 1022
 317 P N L G S L Q P L P P G L K R F S C L S 336
 1023 CTC CCA AGC AGC TGG GAT TAC CGG CAC CTG CCA CCA CAC CCC GCT AAT TTT TGT ATT TTC 1082
 337 L P S S W D Y G H L P P H P A N F C I F 356
 1083 ATT AGA GGC GGG GTT TCA CCA TAT TTG TCA GGC TGG TCT CAA ACT CCT GAC CTC AGG tgac 1143
 357 I R G G V S P Y L S G W S Q T P D L R 375
 1144 ccacctgcctcagcctccaaagtgtctggattacaggcgtgagccacctcacccagccggctaattagataaaaaat 1223
 1224 atgttagcaatgggggtcttgctatgttgcctcaggctggctcaaacttctggcttcatgcaatcctccaaatgagcca 1303
 1304 caacaccccagccagtcacattttaaacagttacatctttatTTTAGTATACTAGAAAGTAATAACAATAACATGTCAA 1383
 1384 acctgcaaattcagtagtaacagagttctttataactttaaacaaagctttagagca 1442

FIG. 1

Appl. No. 09/64,667; Group Art Unit: 1633
 Dkt. No. 0609.437005; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

1	ttttttttttag	ATG GAG TTT TCG CTC TTG CCC AGG CTC GAG TGC AAT GCC GCA ATC	62
	M E F S L L P R L	E C N G A I	16
17	S A H R N L R L	S P A S P	36
63	TCA GCT CAC CGC AAC CTC CGC CTC ACC CCT TCA AGC GAT TCT CCT GCC TCA CCC TCC CCA	122	
37	V A G I T C M C T H A R L I L Y F F L V	F L V	56
123	GTA GCT GGG ATT ACA GGC ATG TGC ACC CAC CCT CGG CTA ATT TTG TAT TTT TTA GTA	182	
57	E M E F L H V G Q A G L E L P T S D D P	P	76
183	GAG ATG GAG TTT CTC CAT GTT CCT CAG CCT CTC GAA CTC ACC TCA GAT GAT CCC	242	
77	S V S A S Q A R Y R T G H A R L C L	R L C L	96
243	TCC GTC TCG GCC TCC CAA AGT GCT AGA TAC AGG ACT GGC CAC CAT GCC CGG CTC TGC CTG	302	
97	A N F C G R N R V S L M C P S W S P E L	P	116
303	GCT AAT TTT TGT CGT AGA AAC AGG GTT TCA CTG ATG TGC CCA AGC TGC TCT CCT GAG CTC	362	
117	K Q S T C L S L P K C W D Y R R A A V P	E L	136
363	AAG CAG TCC ACC TGC CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT	422	
137	G L F I L F F L R H R C P T L T Q D E V	[CCC ACT CTT ACC CAG GAT GAA GTG]	482

FIG. 1A

Appl. No. 09/964,667; Group Art Unit: 1633
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483	<u>CAG TGG TGT GAT CAC AGC TCA CTG CAG CCT TCA ACT CCT GAG ATC AAG CAT CCT CCT CCC</u>	542
157	Q W C D H S S L Q P S T P E I K H P P A	176
543	<u>TCA GCC TCC CAA GTA GCT GGG ACC AAA GAC ATG CAC TAC ACC TCC ATT TTT ATT</u>	602
177	S A S Q V A G T K D M H H Y T W L I F I	196
603	<u>TTT ATT TTT AAT TTT TTG AGA CAG AGT CTC AAC TCT GTC ACC CAG CCT GCA GTC CAG TGC</u>	662
197	F I F N F L R Q S L N S V T Q A G V Q W	216
663	<u>GGC AAT CTT GGC TCA CTG CAA CCT CTG CCT CCC GGC TTC AAG TTA TTC TCC TGC CCC AGC</u>	722
217	R N L G S L Q P L P G F K L F S C P S	236
723	<u>CTC CTC AGT AGC TGG GAC TAC AGG CGC CCA CCA CGC CTC GCT AA T TTT TTT GTA TTT TTA</u>	782
237	L S S W D Y R R P P R L A N F F V F L	256
783	<u>GTA GAG ATG GGC TTC ACC ATG TTC CCC AGG TTG ATC TAC TCT GGA CCT TCT GAT CTG</u>	842
257	V E M G F T M F A R L I L I S G P C D L	276
843	<u>CCT GCC TCG GCC TCC CAA AGT GCT GGG ATT ACA GGC GTG AGC CAC CAC GCC CGG CTT ATT</u>	902
277	P A S A S Q S A G I T G V S H H A R L I	296
903	TTT AAT TTT TGT TTG TTT GAA ATG GAA TCT CAC TCT GTT ACC CAG GCT GGA GTG CAA TGG	962
297	F N F C L F E S H S V T Q A G V Q W	316

FIG. 1B

Appl. No. 09/964,667; Group Art Unit: 1633
Dkt. No. 0609.4370005; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drug Effective for the Treatment or Prevention of Alzheimer's etc.

9663	CCA AAT CTC GGC TCA CTG CAA CCT CCT CCC CGG CTC AAG CGA TTC TCC TGT CTC AGC	1022
317	P N L G S L Q P L P G L K R F S C L S	336

1023	CTC CCA AGC AGC TGG GAT TAC CGG CAC CTG CCA CAC CCC GCT AAT TTT TGT ATT TTC	1082
337	L P S S W D Y G H L P H P A N F C I F	356
1083	ATT AGA GGC GGG GTT TCA CCA TAT TTG TCA CCC TGG TCT CAA ACT CCT GAC CTC AGG tgcac	1143
357	R G G V S P Y L S C W S Q T P D L R	375

caacccaaqcgcaggtaacattttttaaccggtttacatcttttttagtatactggaaatgtataatggatcaa 1383

11384 acctgcaatttcagtagttaacagggtttatactttttaaacaaaggctttagatca
1442

1384 *accipitridae* *Accipitridae* *Accipitridae* *Accipitridae*

FIG. 1C

Appl. No. 09/98777; Group Art Unit: 1633
Dkt. No. 0609.4370005; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc

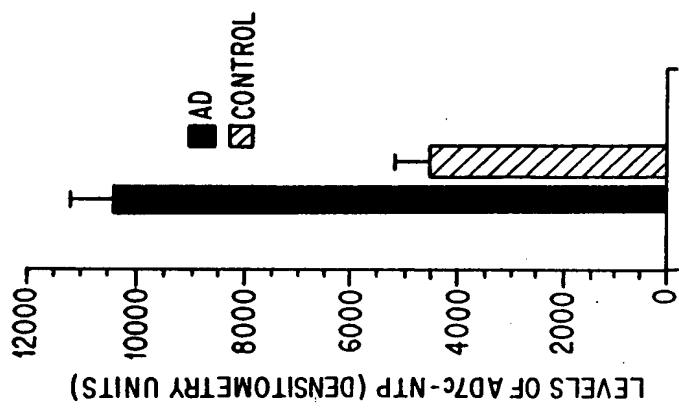
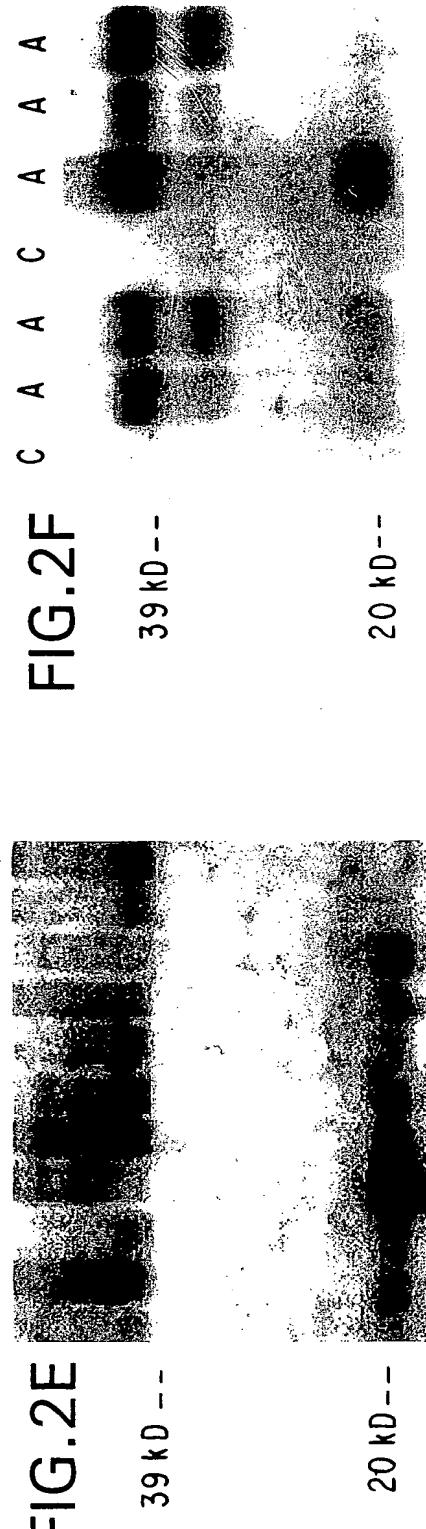
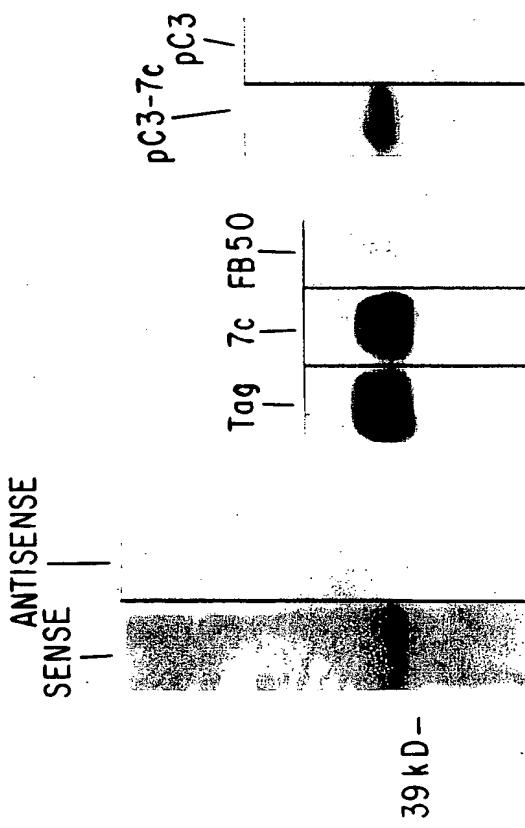


FIG. 2A FIG. 2B FIG. 2C



Appl. No. 09/964,667; Group Art Unit: 1633
 Dkt. No. 0609.4370005; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

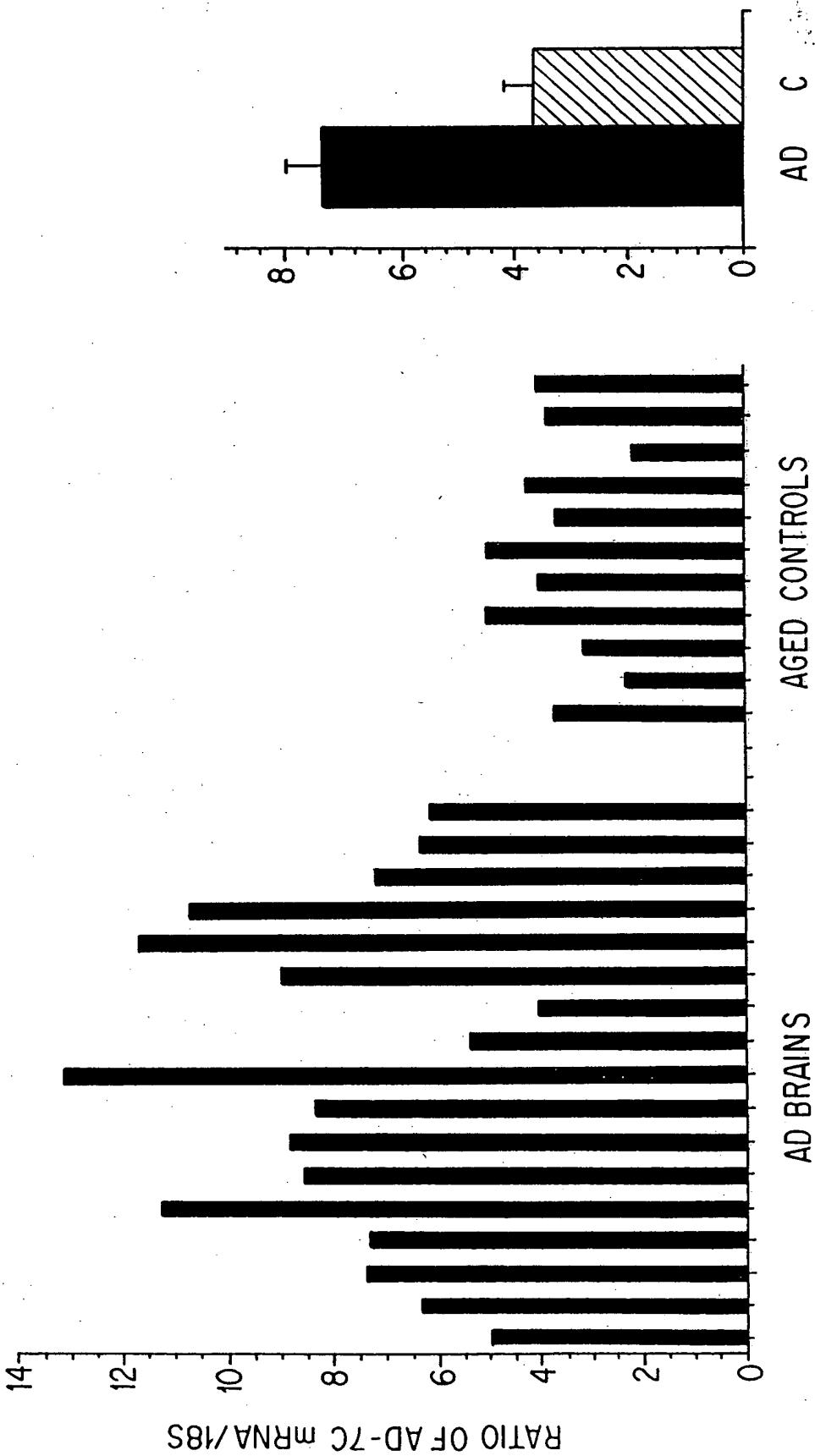


FIG. 3A

FIG. 3B

Sheet 6 of 16

Appl. No. 09/964,667; Group Art Unit: 1633
Dkt. No. 0609.4370005; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drug
Effective for the Treatment or Prevention of Alzheimer's etc.



FIG.3C



FIG.3D

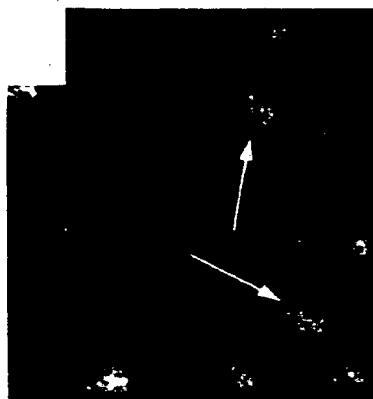


FIG.3E

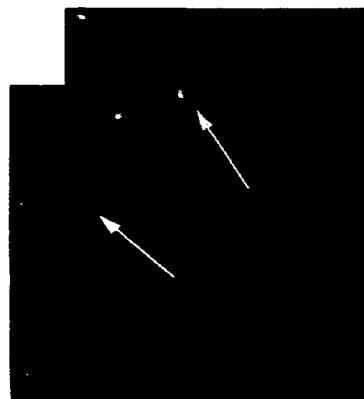


FIG.3F

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Appl. No. 09/964,667; Group Art Unit: 1633
Dkt. No. 0609.4370005; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

FIG.4A FIG.4B FIG.4C FIG.4D

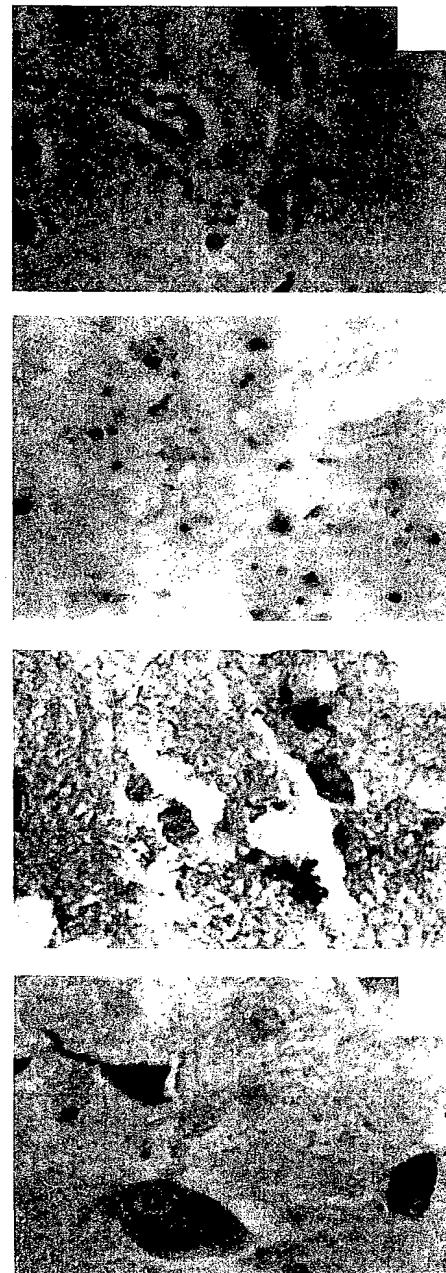
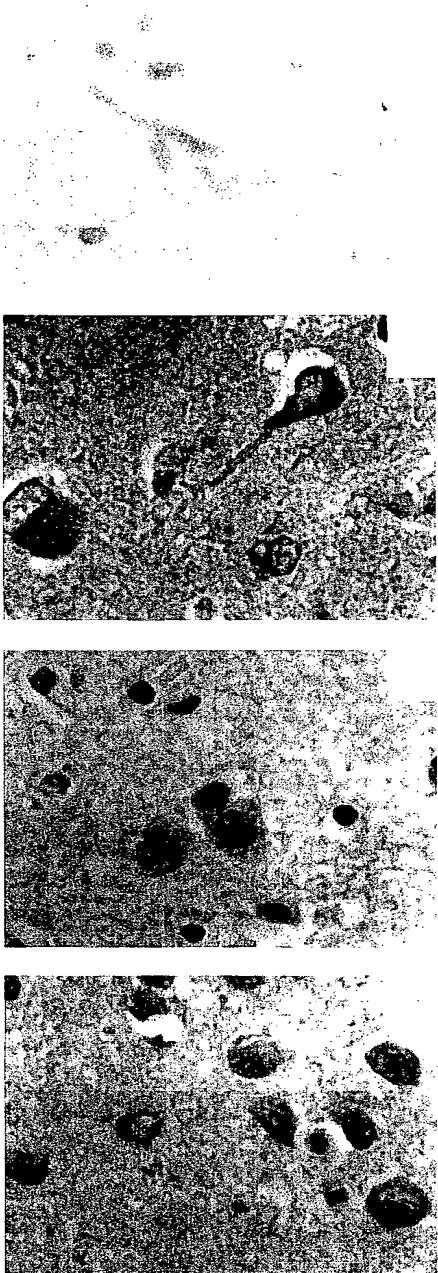


FIG.4E FIG.4F FIG.4G FIG.4H

Sheet 8 of 16

Appl. No. 09/964,667; Group Art Unit: 1633
 Dkt. No. 0609.4370005; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

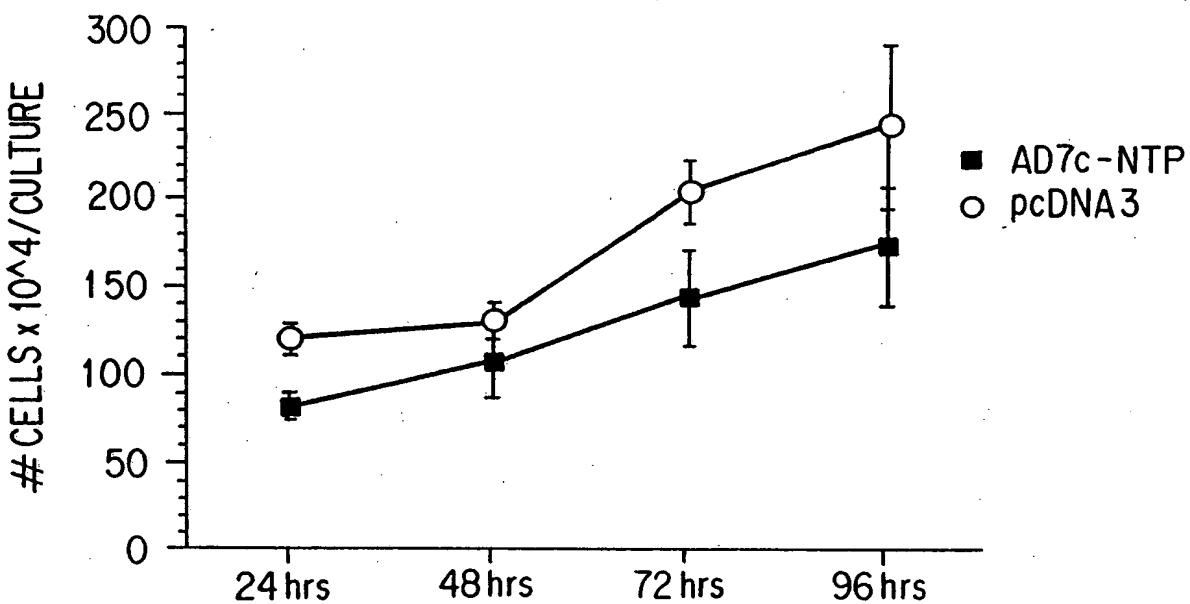


FIG. 5A

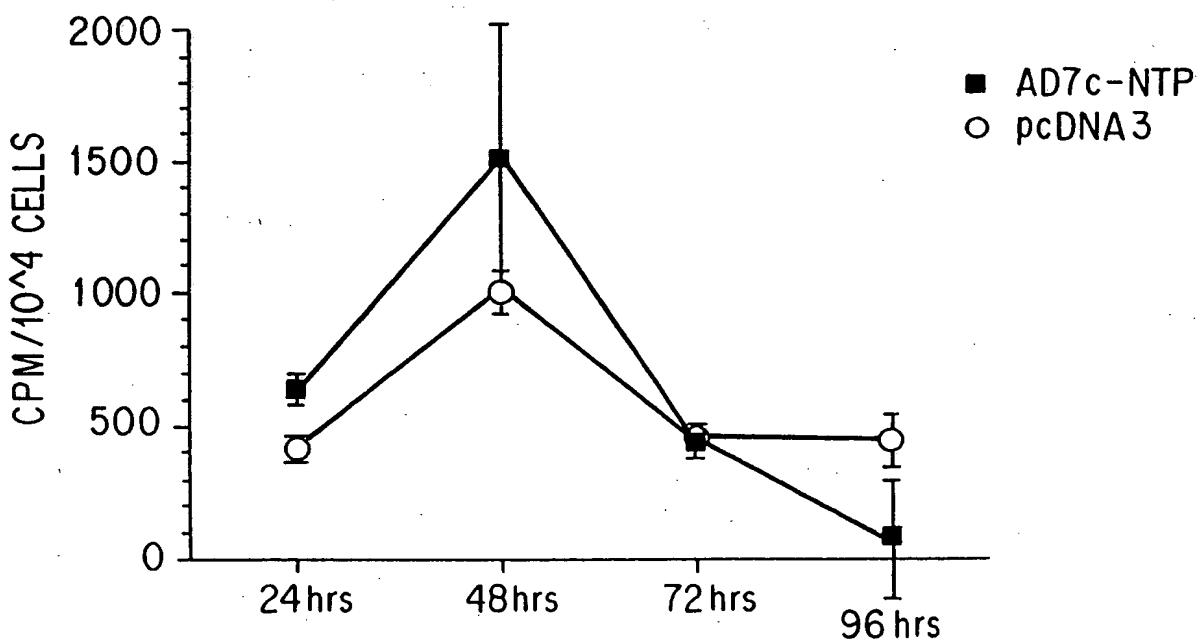


FIG. 5B

Sheet 9 of 16

Appl. No. 09/964,667; Group Art Unit: 1633
Dkt. No. 0609.4370005; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drug
Effective for the Treatment or Prevention of Alzheimer's etc.

FIG. 6A

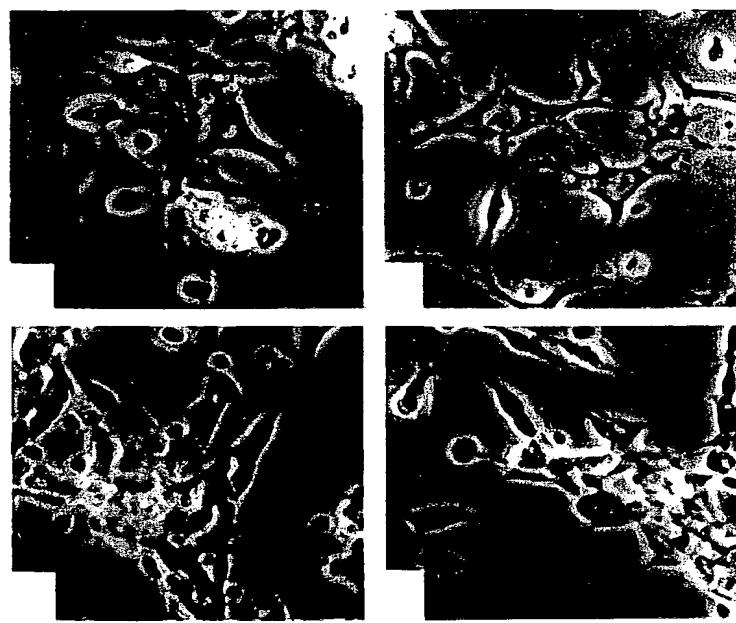


FIG. 6B

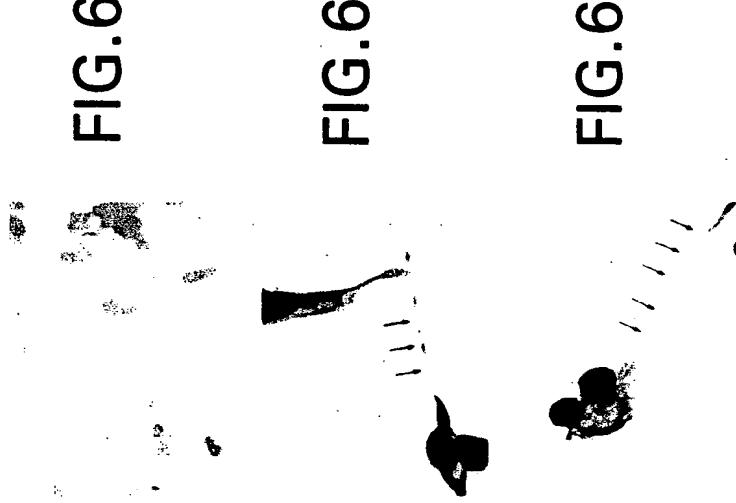


FIG. 6E

FIG. 6F

FIG. 6G

FIG. 6C

FIG. 6D

Appl. No. 09/964,667; Group Art Unit: 1633
 Dkt. No. 0609.4370005; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

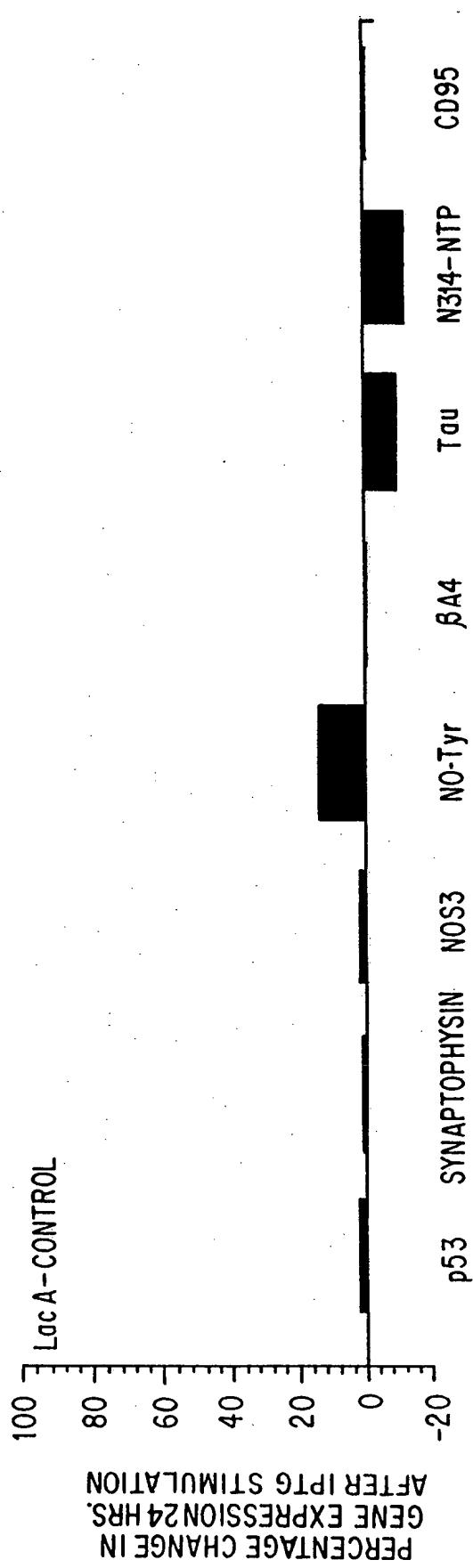


FIG. 7A

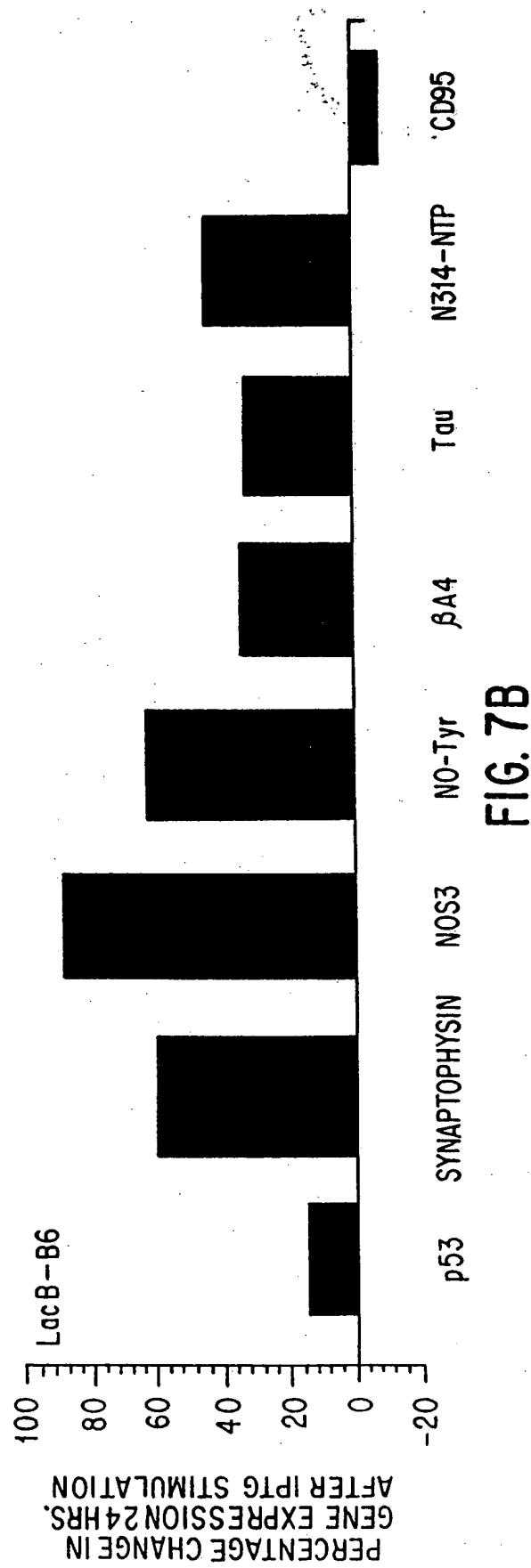


FIG. 7B

Appl. No. 06094367; Group Art Unit: 1633
Dkt. No. 06094370005; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

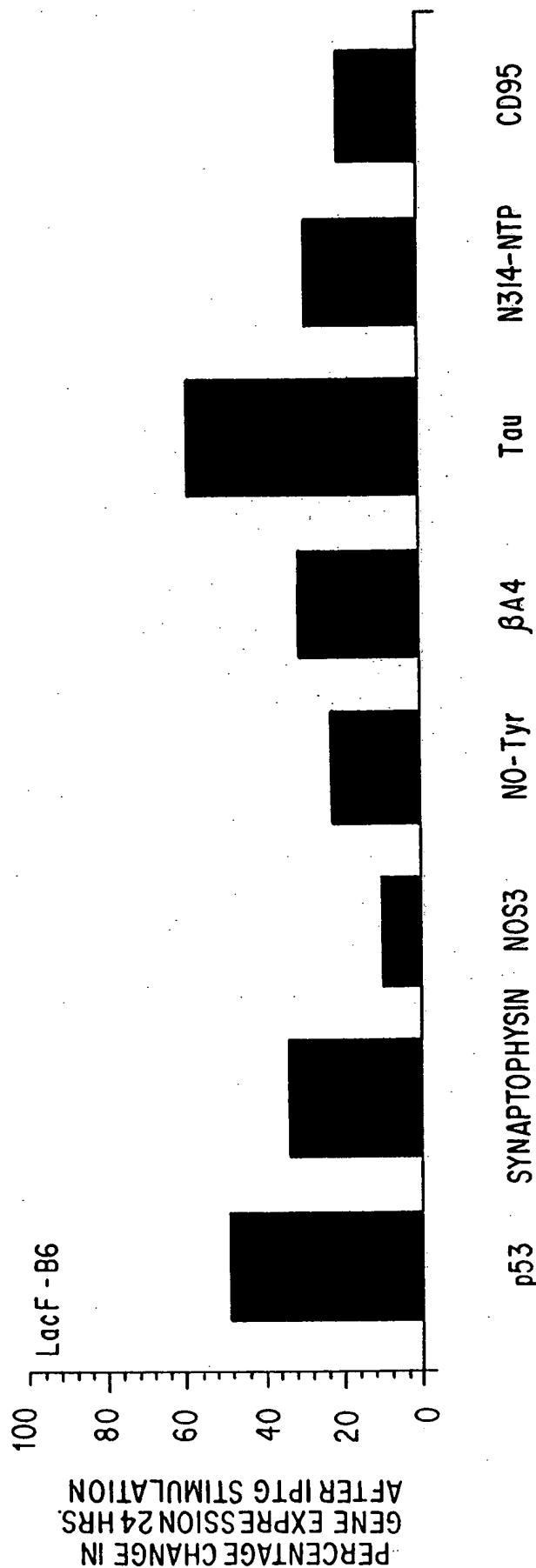


FIG. 7C

Appl. No. 09/964,667; Group Art Unit: 1633
Dkt. No. 0609.4370005; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drug
Effective for the Treatment or Prevention of Alzheimer's etc.

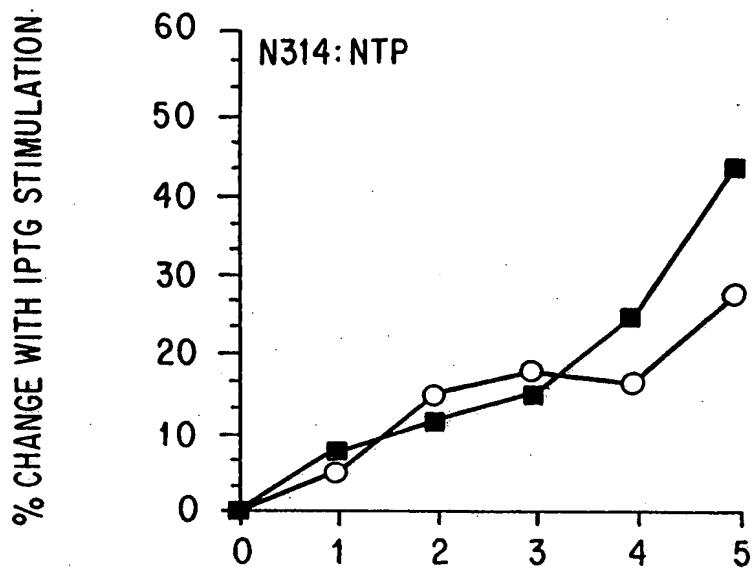


FIG. 8A

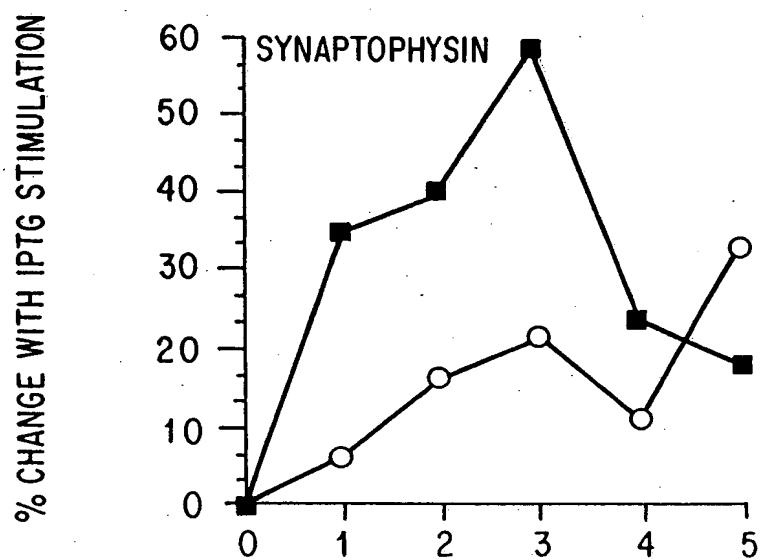


FIG. 8B

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Appl. No. 09/964,667; Group Art Unit: 1633
Dkt. No. 0609.4370005; Batch No.: N/A
Inventors: de la Monte *et al.*; Tel: 202/371-2600
Title: Transgenic Animals and Cell Lines for Screening Drugs
Effective for the Treatment or Prevention of Alzheimer's etc.

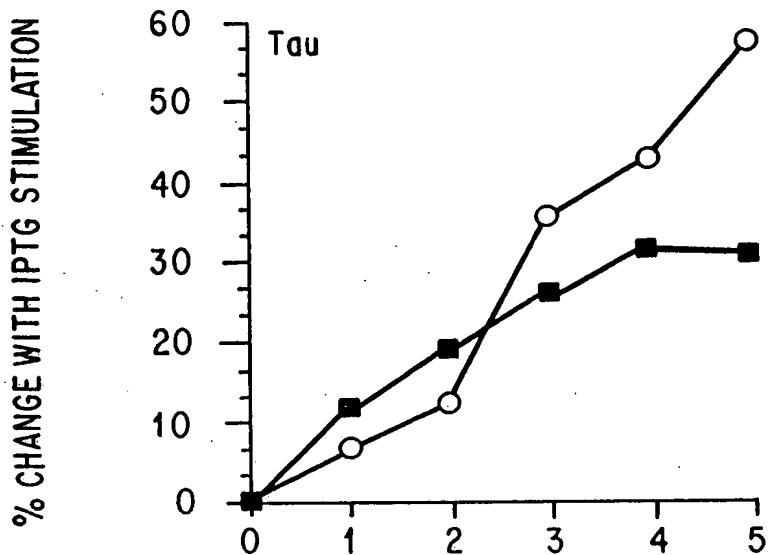


FIG. 8C

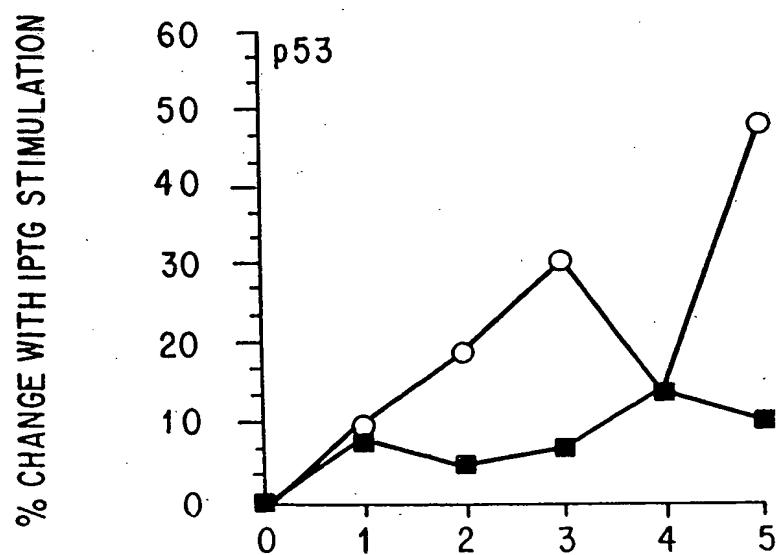


FIG. 8D

Appl. No. 09/964,667; Group Art Unit: 1633
 Dkt. No. 0609.4370005; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

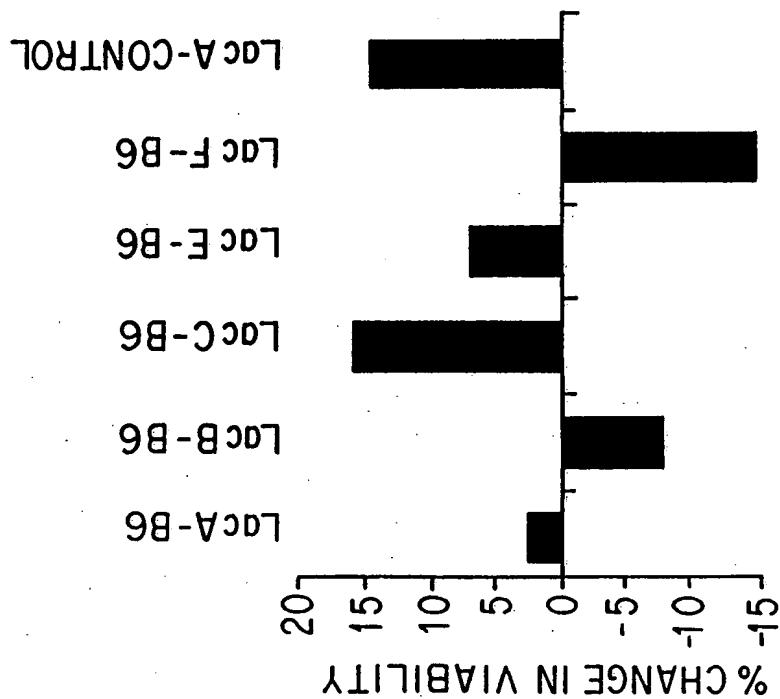


FIG. 9B

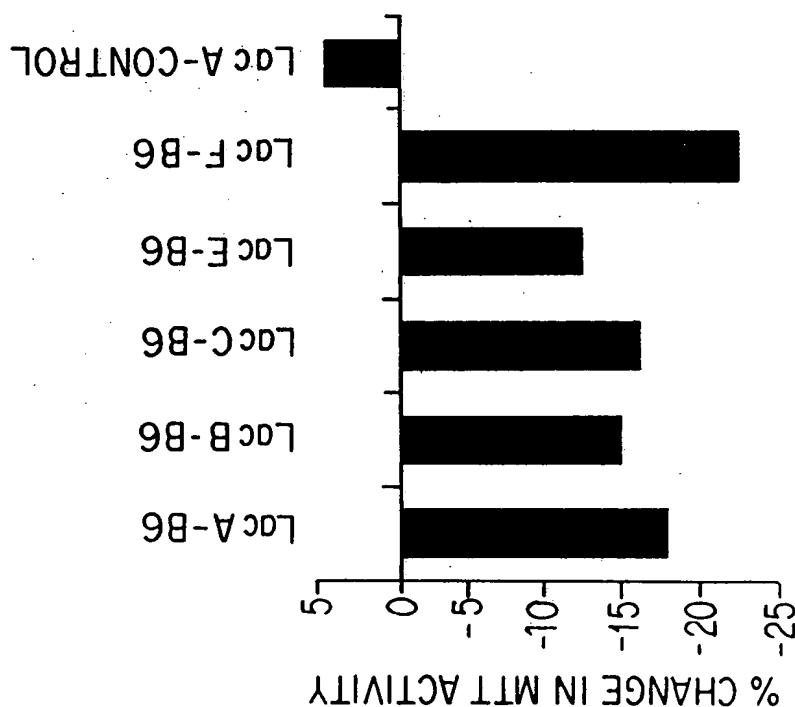


FIG. 9A

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Appl. No. 09/964,667; Group Art Unit: 1633
 Dkt. No. 0609.4370005; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drug
 Effective for the Treatment or Prevention of Alzheimer's etc.

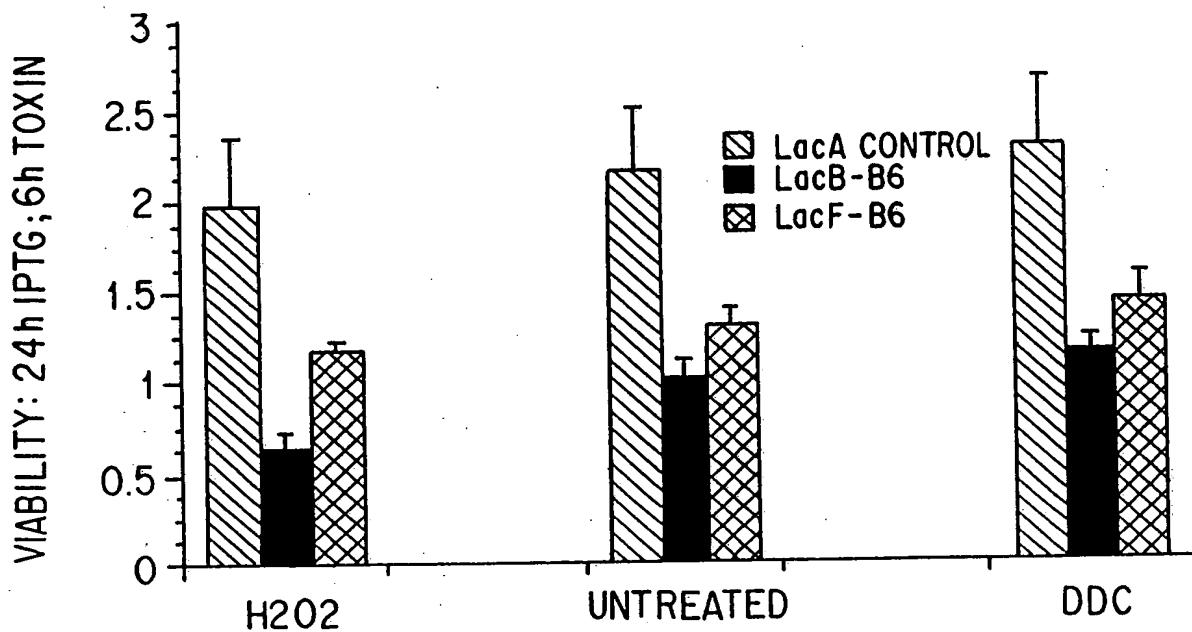


FIG. 10A

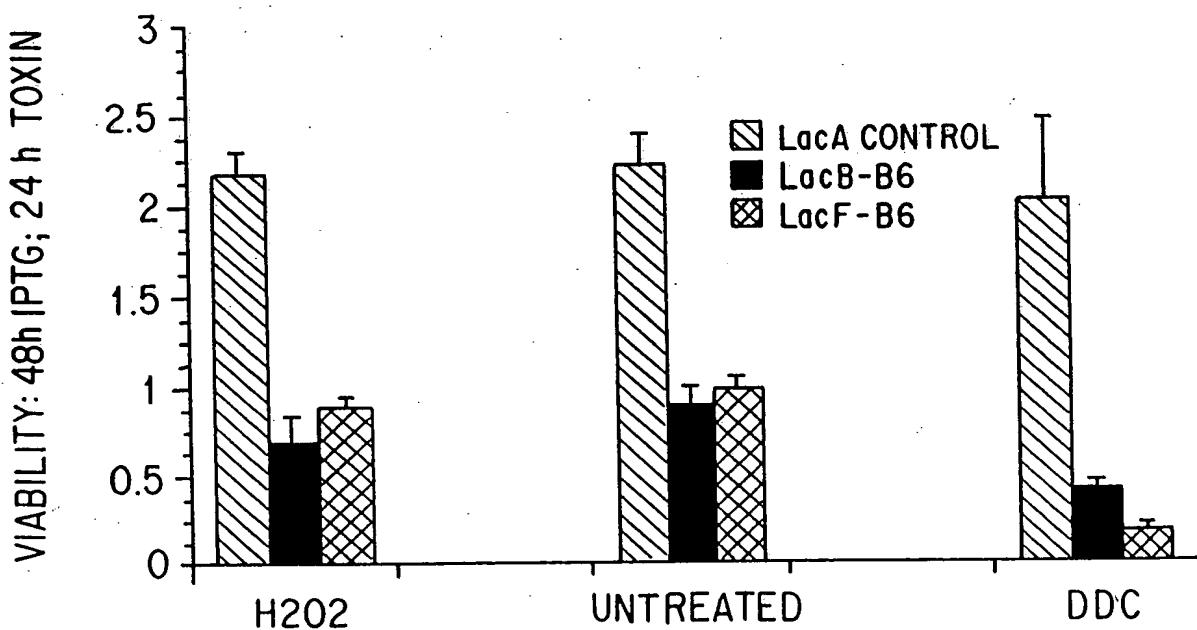


FIG. 10B

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Appl. No. 09/964,667; Group Art Unit: 1633
 Dkt. No. 0609.4370005; Batch No.: N/A
 Inventors: de la Monte *et al.*; Tel: 202/371-2600
 Title: Transgenic Animals and Cell Lines for Screening Drugs
 Effective for the Treatment or Prevention of Alzheimer's etc.

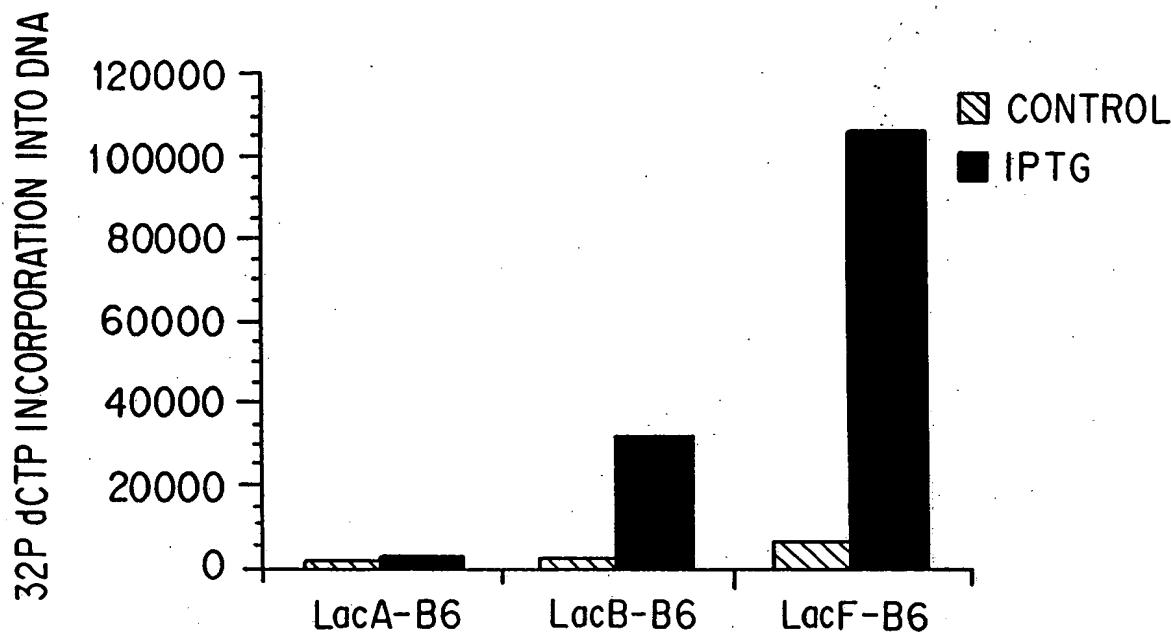


FIG. 11

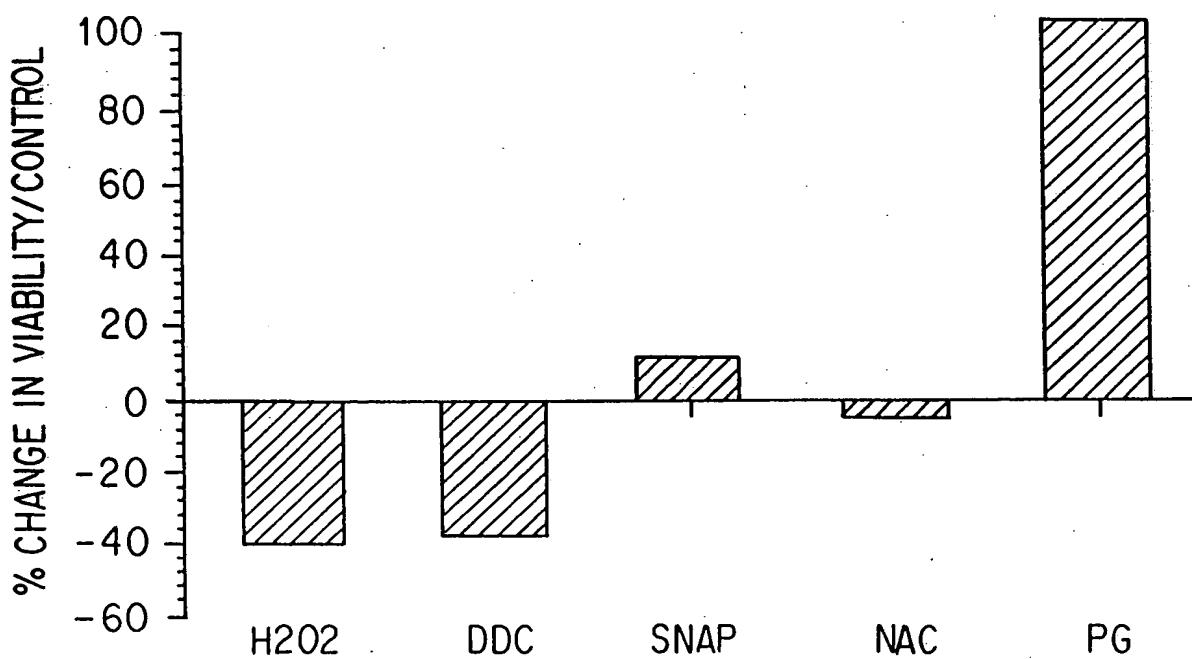


FIG. 12